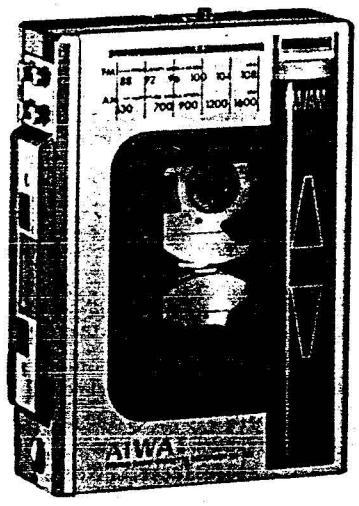
AIWA®

S/M Code No. 87-048
DATE OF ISSUE 8/1987-T

SERVICE MANUAL

MODEL No. HS-J36, J360/J330

- STEREO RADIO CASSETTE RECORDER
- TYPE. Y
- BASIC MECHANISM : 2ME-7



SPECIFICATIONS

Radio frequency range: FM: 87.5-108 MHz
AM: 530-1,605 kHz

Track arrangement: 4-track, 2-channel, stereo

Frequency range: 40 to 12,500 Hz (NORMAL tape)
40 to 16,000 Hz (METAL tape)

Microphone: Electret-condenser microphone

Maximum output: 15 mW + 15 mW (EIAJ/32Ω)
20 mW + 20 mW (EIAJ/16Ω)

Power source: Battery DC 3V LR-6 (SUM-3, AA, R6) x 2
Domestic AC power (using AC adaptor)

Battery life:
- Using manganese batteries (R6, SUM-3, AA)
  Approx. 3.5 hours (EIAJ, recording mode)
  Approx. 5.5 hours (EIAJ, 1 mW output, playback mode)
- Using alkaline batteries (LR-6, AM-3, AA)
  Approx. 7 hours (EIAJ, recording mode)
  Approx. 11 hours (EIAJ, 1 mW output, playback mode)

Maximum dimensions: 84.2(H) x 118(W) x 35.6(D) mm

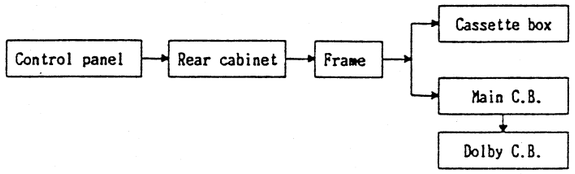
Weight: 285 g (including batteries)

- Design and specifications are subject to change without notice.
- Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.
- Dolby and the DD symbol are trademarks of Dolby Laboratories Licensing Corporation.

AIWA CO., Ltd. Tokyo Japan

DISASSMBLY INSTRUCTIONS

Disassembly Procedure



1. Control panel

1) Remove the 2 screws (Ⓐ). (See Figure－1)

2. Rear cabinet

1) Remove the 4 screws (Ⓑ). (See Figure－1)
2) Remove the knob.

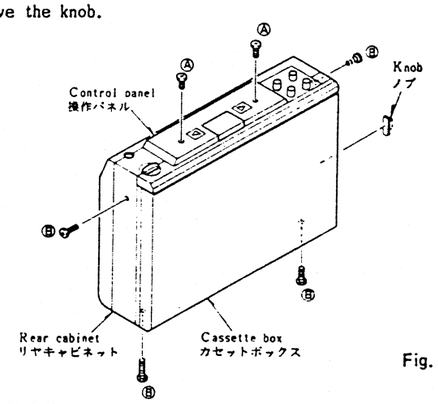


Fig. 1

3. Frame

1) Remove the screw (Ⓒ) and dissolder the battery terminal springs, ⊕ and ⊖. (See Figure－2)
2) Open the cassette box. (See Figure－2)
3) Unhook the top of the frame in the direction of the arrow ①. (See Figure－2)
4) Then, Remove the whole frame. (See Figure－2)

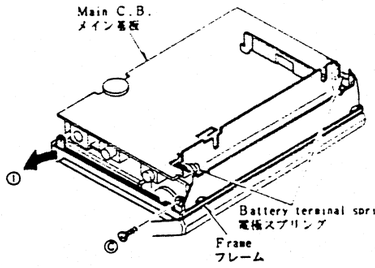


Fig. 2

4. Cassette box

1) Remove the 2 screws (Ⓓ). (See Figure－3)
2) Remove the cassette box by pulling the side of the cassette box in the direction of the arrow ② while pushing the side of the chassis in the direction of the arrow ①. (See Figure－3)

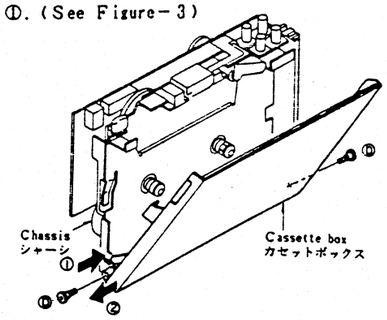


Fig. 3

5. Main C. B. and DOLBY C. B.

1) Remove the following screws. (See Figure－4)
   - The main circuit board mounting screws. (Ⓔ×2)
   - The governer circuit board mounting screws. (Ⓕ×2)
   - The radio chassis mounting screw. (Ⓖ×1)
   - The Dolby circuit board mounting screw. (Ⓗ×1)
2) Strech the illustrated lead-wires and raise the main circuit board in the direction of the arrow. (See Figure－4)

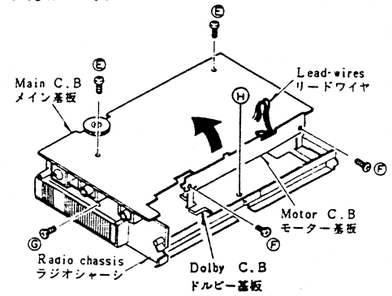


Fig. 4

6. Head (RPH) Replacemer

1) Remove the control panel and rear cabinet. (See Figure－1)
2) Remove the play button. (See Figure－5) (Slide it by approx. 1.5㎜ in the direction of arrow A and lift it in the direction of arrow B.)

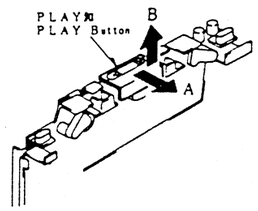


Fig. 5

Adjustment of Tuning Poi. er

Set the tuning pointer at the high-end as illustrated. Take care not to remount the idler gear upside-down. (See Figure－6)

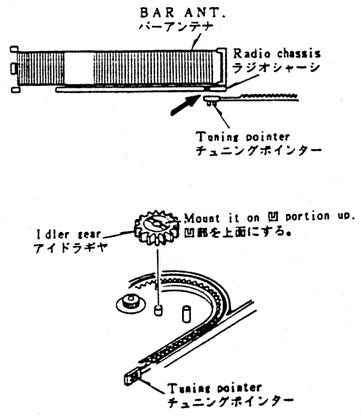


Fig. 6

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	ORDER	DESCRIPTION
=== IC ===			
	87-020-505-019		IC,CX20023
	87-020-460-019		IC,CX20111
	87-020-224-019		IC,NJM2063A
	87-020-447-019		IC,TA7373F
	87-020-234-019		IC,TA7688F(S)
=== TRANSISTOR ===			
	87-026-258-019		FET,2SK302Y
	87-026-233-019		TRANSISTOR,DTA114TK
	87-026-230-019		TRANSISTOR,DTA114YK
	87-026-213-019		TRANSISTOR,DTC114YK
	87-026-223-019		TRANSISTOR,DTC143TK
	87-026-224-019		TRANSISTOR,DTC143XK
	87-026-210-019		TRANSISTOR,DTC144EK
	89-111-625-019		TRANSISTOR,2SA1162GR
	89-327-125-019		TRANSISTOR,2SC2712GR
	89-333-266-019		TRANSISTOR,2SC3326B
	89-413-284-019		TRANSISTOR,2SD1328T
=== MAIN CIRCUIT BOARD SECTION ===			
PCB-A	84-448-611-010		MAIN CIRCUIT BOARD
BPF1	87-030-103-010		FILTER BPMB 8L
C1	*87-010-177-019		CAP,CHIP S 820P SL
C2	*87-010-177-019		CAP,CHIP S 820P SL
C3	*87-010-181-019		CAP,CHIP S 1800P
C4	*87-010-181-019		CAP,CHIP S 1800P
C5	*87-010-189-019		CAP,CHIP 8200P
C6	*87-010-189-019		CAP,CHIP 8200P
C7	*87-010-194-019		CAP,CHIP 0.047
C8	*87-010-194-019		CAP,CHIP 0.047
C11	*87-010-189-019		CAP,CHIP 8200P
C12	*87-010-189-019		CAP,CHIP 8200P
C13	*87-010-083-019		CAP,TANTALUM 0.047-35V
C14	*87-010-083-019		CAP,TANTALUM 0.047-35V
C15	*87-010-174-019		CAP,CERA-SOL S 470P
C16	*87-010-174-019		CAP,CHIP S 470P
C17	*87-010-180-019		CAP,CHIP S 1500P
C18	*87-010-180-019		CAP,CHIP S 1500P
C19	*87-010-452-019		CAP,CHIP 1U
C20	*87-010-452-019		CAP,CHIP 1U
C21	*87-010-082-019		CAP,ELECT-N 220-4
C22	*87-010-082-019		CAP,ELECT-N 220-4
C23	*87-010-114-019		CAP,ELECT 47-4
C25	*87-010-114-019		CAP,ELECT 47-4
C26	*87-010-090-019		CAP,TANTALUM 4.7U
C27	*87-010-501-019		CAP,ELECT 47-4
C28	*87-010-227-019		CAP,TANTALUM 47/6.3
C29	*87-010-075-019		CAP,ELECT 10-16
C30	*87-010-114-019		CAP,ELECT 47-4
C31	*87-010-114-019		CAP,ELECT 47-4
C32	*87-010-174-019		CAP,CHIP S 470P
C33	*87-010-180-019		CAP,CHIP S 1500P
C34	*87-010-196-019		CAP,CHIP 0.01
C35	*87-010-090-019		CAP,TANTALUM 4.7U
C36	*87-010-184-019		CAP,CHIP B 3300P(K)
C37	*87-010-196-019		CAP,CHIP 0.01
C38	*87-010-076-019		CAP,ELECT 22-6.3
C39	*87-010-114-019		CAP,ELECT 47-4
C40	*87-010-230-019		CAP,TANTALUM (489D) 10-4
C41	*87-010-082-019		CAP,ELECT-N 220-4

REF. NO.	PART NO.	ORDER	DESCRIPTION
C42	*87-010-195-019		CAP,CHIP 0.068
C43	*87-010-450-019		CAP,CHIP 0.47U
C44	*87-010-450-019		CAP,CHIP 0.47U
C45	*87-010-180-019		CAP,CHIP S 1500P
C46	*87-010-227-019		CAP,TANTALUM 47-6.3
C47	*87-012-141-019		CAP,CHIP S 0.22
C48	*87-010-180-019		CAP,CHIP 1500P
C49	*87-010-090-019		CAP,TANTALUM 4.7U
C50	*87-010-503-019		CAP,ELECT 220-4
C51	*87-010-195-019		CAP,CHIP 0.068
C52	*87-010-180-019		CAP,CHIP S 1500P
C53	*87-010-196-019		CAP,CHIP 0.01
C54	*87-010-196-019		CAP,CHIP 0.01
C55	*87-010-497-019		CAP,ELECT GAS 4.7-35
C56	*87-010-452-019		CAP,CHIP 1U
C57	*87-010-174-019		CAP,CHIP S 470P
C58	*87-010-498-019		CAP,ELECT GAS 10-16
C59	*87-010-194-019		CAP,CHIP 0.047
C60	*87-010-196-019		CAP,CHIP 0.1
C61	*87-010-196-019		CAP,CHIP 0.01
C62	*87-010-314-019		CAP,CHIP 22P CH
C63	*87-010-196-019		CAP,CHIP 0.01
C64	*87-010-315-019		CAP,CHIP S 27P CH
C65	*87-010-498-019		CAP,ELECT GAS 10-16
C66	*87-010-196-019		CAP,CHIP 0.01
C67	*87-010-147-019		CAP,CHIP S 3P
C69	*87-010-196-019		CAP,CHIP 0.01
C70	*87-010-499-019		CAP,ELECT GAS 22-6.3
C71	*87-010-194-019		CAP,CHIP 0.047
C72	*87-010-196-019		CAP,CHIP 0.1
C73	*87-014-047-019		CAP,PP 390P
C74	*87-010-184-019		CAP,CHIP B 3300P(K)
C75	*87-010-194-019		CAP,CHIP 0.047
C76	*87-010-196-019		CAP,CHIP 0.01
C77	*87-010-196-019		CAP,CHIP 0.01
C78	*87-010-174-019		CAP,CHIP S 470P
C79	*87-010-174-019		CAP,CHIP S 470P
C80	*87-010-452-019		CAP,CHIP 1U
C81	*87-010-452-019		CAP,CHIP 1U
C82	*87-010-115-019		CAP,ELECT 100-4
C83	*87-010-194-019		CAP,CHIP 0.047
C84	*87-010-196-019		CAP,CHIP 0.01
C85	*87-010-082-019		CAP,ELECT-N 220-4
C86	*87-010-152-019		CAP,CHIP 8P(D)
C87	*87-010-147-019		CAP,CHIP S 3P
C88	*87-010-147-019		CAP,CHIP S 3P
C201	*87-010-196-019		CAP,CHIP 0.1
C202	*87-010-226-019		CAP,TANTALUM 100-4
CF1	87-008-284-019		FILTER BPFB 468J
CF2	84-400-602-019		FM IF KIT (SFT 10.7 MS2Z)
CF3	+++		FM IF KIT (DISCRI 10.7 MG1Z)
D1	87-020-339-019		DIODE,CHIP 1SS226
D2	87-020-027-019		DIODE,CHIP 1SS184
D3	87-020-027-019		DIODE,CHIP 1SS184
D4	87-020-027-019		DIODE,CHIP 1SS184
D5	87-020-027-019		DIODE,CHIP 1SS184
D6	87-020-125-019		DIODE,CHIP 1SS181
D7	87-020-125-019		DIODE,CHIP 1SS181
D8	87-020-125-019		DIODE,CHIP 1SS181
D9	87-020-027-019		DIODE,CHIP 1SS184
D10	87-020-027-019		DIODE,CHIP 1SS184
D11	87-020-027-019		DIODE,CHIP 1SS184
D12	87-020-339-019		DIODE,CHIP 1SS226
D13	87-020-027-019		DIODE,CHIP 1SS184

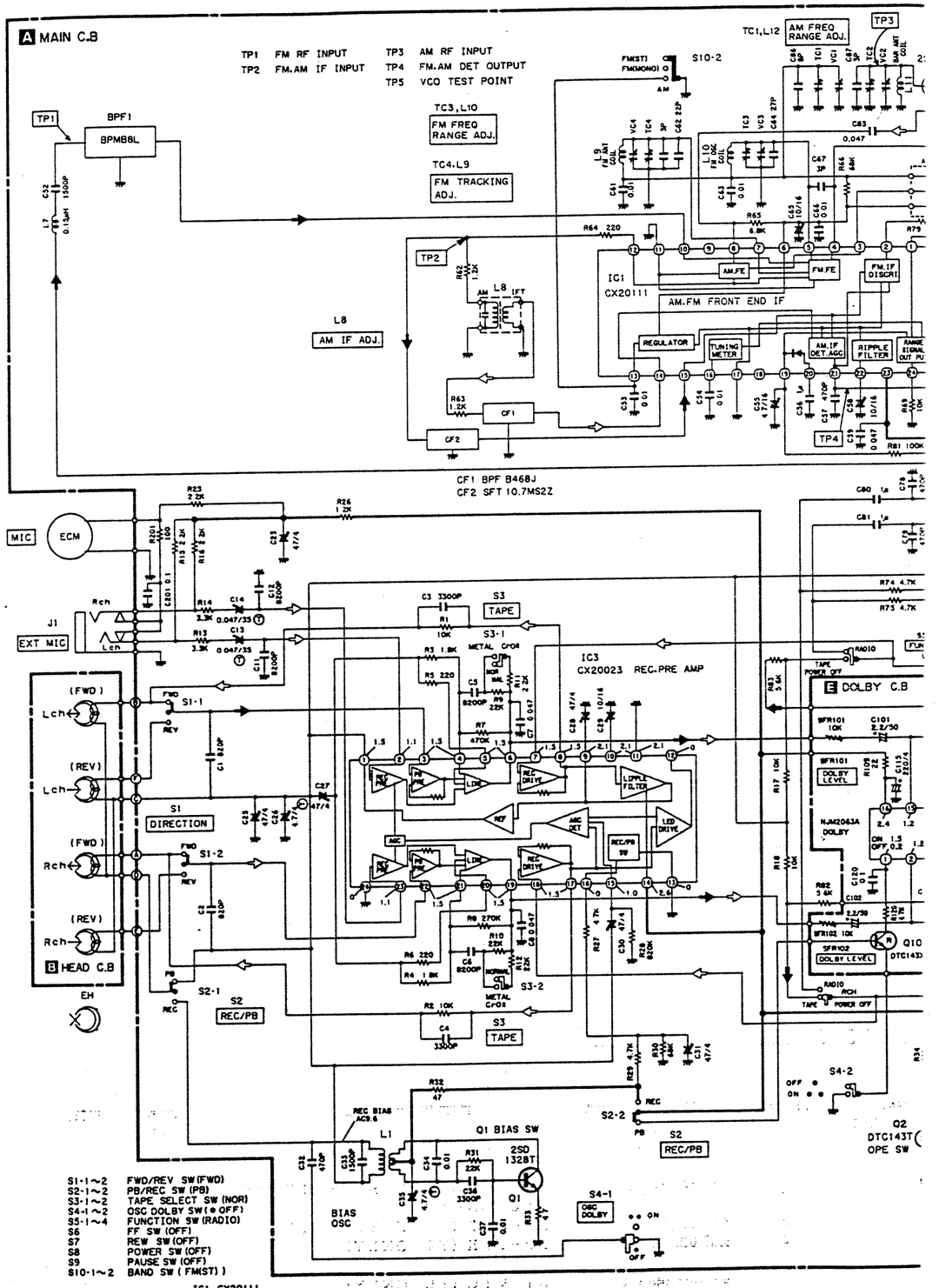
REF. NO.	PART NO.	ORDER	DESCRIPTION
D14	87-020-027-019		DIODE,CHIP 1SS184
D15	87-020-520-019		LED TLR226(F)(OPE/BATT)
J1	87-049-767-010		JACK 3.5 (EXT MIC)
J2	87-049-411-019		JACK 3.5 G (PHONES)
J3	87-049-549-019		JACK DC (DC3V)
L1	*87-007-193-019		COIL OSC BIAS
L2	*87-005-259-019		COIL CHIP 3.3UH
L3	*87-005-259-019		COIL CHIP 3.3UH
L4	*87-003-089-019		COIL CHOKE 47UH
L5	*87-003-089-019		COIL CHOKE 47UH
L6	*87-005-288-019		COIL CHIP INDUCTOR 1.5UH
L7	*87-007-179-019		COIL 0.15UH
L8	*87-008-332-019		COIL AM IFT
L9	*87-006-129-019		COIL FM ANT
L10	*87-007-202-019		COIL FM OSC
L12	*87-007-203-019		COIL AM OSC
S1	87-036-018-010		SLIDE SW (DIRECTION)
S2	87-036-018-010		SLIDE SW (PB/REC)
S3	87-036-020-010		SLIDE SW (TAPE)
S4	87-036-020-010		SLIDE SW (OSC, DOLBY)
S5	87-036-019-010		SLIDE SW (FUNCTION)
S6	87-036-024-010		LEAF SW (FF)
S7	87-036-052-010		LEAF SW (REW)
S9	87-036-021-010		SLIDE SW (PAUSE)
S10	87-036-017-010		SLIDE SW (BAND)
SFR1	*87-021-944-019		SFR 20K
VC1	*87-011-205-019		PVC 20P-H
VC2	* +++		PVC 20P-H
VC3	* +++		PVC 20P-H
VC4	* +++		PVC 20P-H
TC1	* +++		PVC 20P-H
TC2	* +++		PVC 20P-H
TC3	* +++		PVC 20P-H
TC4	* +++		PVC 20P-H
VR1	87-021-954-019		VOLUME 20KA (VOLUME)
			=== HEAD CIRCUIT BOARD SECTION ===
	86-530-630-010		FLEXIBLE CIRCUIT BOARD
RPH	86-530-629-010		RPH ASSY (W/PCB-B)
RPH	82-681-604-010		RPH

REF. NO.	PART NO.	ORDER	DESCRIPTION
			=== MOTOR CIRCUIT BOARD SECTION ===
M1	86-530-626-019		MOTOR ASSY (W/PCB-C)
			=== SENSOR CIRCUIT BOARD SECTION ===
PCB-D	86-530-623-010		SENSOR CIRCUIT BOARD
PR1	87-022-755-010		PHOTOSENSOR SP1900(0)
			=== DOLBY CIRCUIT BOARD SECTION ===
PCB-E	84-448-602-019		DOLBY CIRCUIT BOARD
C101	*87-010-535-019		CAP,ELECT 2.2-50
C102	*87-010-535-019		CAP,ELECT 2.2-50
C103	*87-010-188-019		CAP,CHIP 6800P
C104	*87-010-188-019		CAP,CHIP 6800P
C105	*87-010-194-019		CAP,CHIP 0.047
C106	*87-010-194-019		CAP,CHIP 0.047
C107	*87-010-214-019		CAP,CHIP TANTALUM 0.68
C108	*87-010-214-019		CAP,CHIP TANTALUM 0.68
C109	*87-010-193-019		CAP,CHIP 0.033
C110	*87-010-193-019		CAP,CHIP 0.033
C111	*87-010-186-019		CAP,CHIP 4700P
C112	*87-010-186-019		CAP,CHIP 4700P
C113	*87-010-452-019		CAP,CHIP 1U
C114	*87-010-452-019		CAP,CHIP 1U
C115	*87-010-464-019		CAP,ELECT 220-4
C116	*87-010-473-010		CAP,ELECT 47-4
C120	*87-010-464-019		CAP,CHIP 0.1
SFR101	*87-024-072-019		SFR 10K
SFR102	*87-024-072-019		SFR 10K
			=== MISCELLANEOUS ===
ECM	*87-041-052-019		MIC ECM 60-H
EH	*86-530-605-010		EH
L11	*87-006-131-019		COIL BAR ANTENNA
S8	86-530-622-010		LEAF SW (PLAY)

■ ACCESSORIES/PACKAGE LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q'TY.
	1	★84-448-902-019		INSTRUCTION BOOKLET (Y) (Y, YZ, Y1 ONLY)	※	1
	2	★84-448-903-019		INSTRUCTION BOOKLET (YU) (YU ONLY)	※	1
	3	★87-048-127-019		HP-M12 (Y, YU, YZ ONLY)		1
	4	★87-048-138-010		HP-09K (Y1 ONLY)		1
	5	★87-041-048-010		ST MIC (YU ONLY)		1
	6	★84-448-046-010		CLIP BELT, N	※	1

SCHEMATIC DIAGRAM



PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
FM (ST)	0	1.9	1.3	1.2	1.3	1.3	1.3	1.3	—	0.4	0	0.1	1.3	0	1.3	0	0	—	1.3	1.3	1.0	2.5	2.7	0
FM(MONO)	0	1.9	1.3	1.2	1.3	1.3	1.3	1.3	—	0.4	0	0.1	1.3	0	1.3	0	0	—	1.3	1.3	1.0	2.4	2.7	0
AM	0	2.5	1.3	1.4	1.3	1.2	1.3	1.3	—	0	0	0	0	0	0	0	0	—	1.4	1.2	0.9	2.4	2.8	0

ORDER DESCRI

D SECTION ===

MOTOR ASSY (W

RD SECTION ===

SENSOR CIRCUI
PHOTOSENSOR S

D SECTION ===

DOLBY CIRCUIT
CAP,ELECT 2.2-
CAP,ELECT 2.2-
CAP,CHIP 6800P

CAP,CHIP 6800P
CAP,CHIP 0.047
CAP,CHIP 0.047
CAP,CHIP TANT

CAP,CHIP TANT
CAP,CHIP 0.033
CAP,CHIP 0.033
CAP,CHIP 4700P

CAP,CHIP 4700P
CAP,CHIP 1U
CAP,CHIP 1U
CAP,ELECT 220-

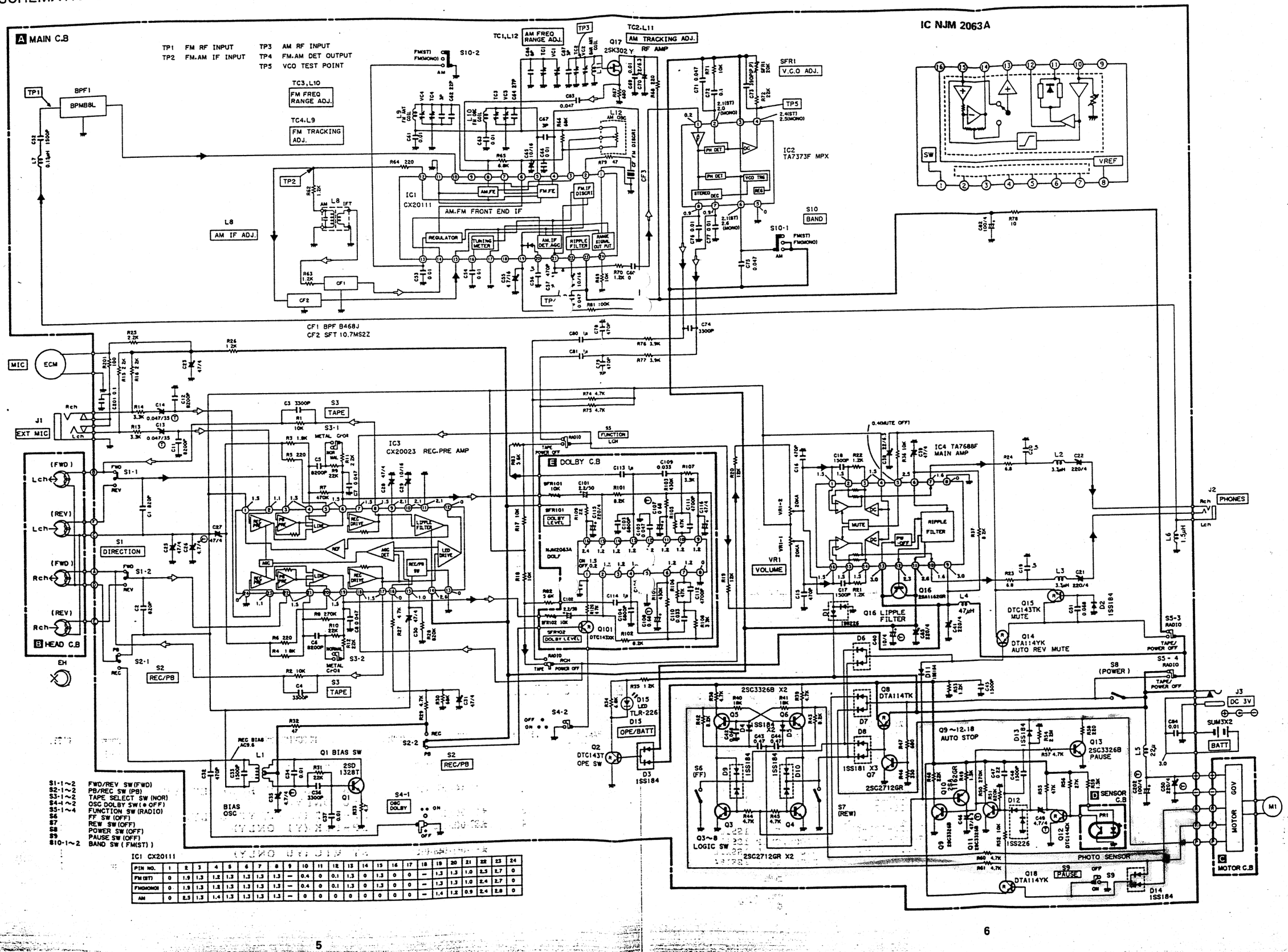
CAP,ELECT 47-4
CAP,CHIP 0.1
SFR 10K
SFR 10K

MIC ECM 60-H
EH
COIL BAR ANTEN
LEAP SW (PLAY)

COMMON Q'T
MODEL

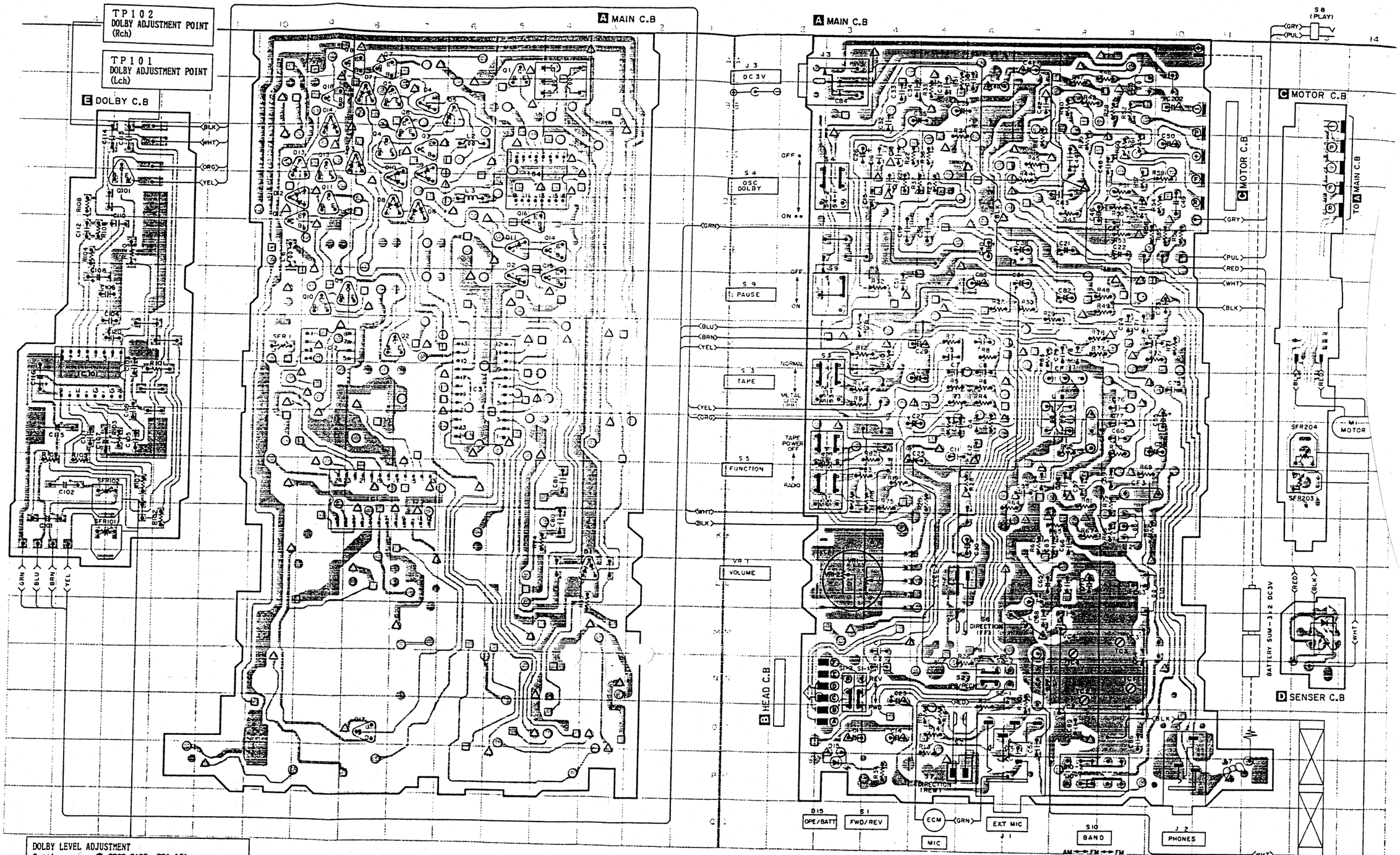
※ 1
※ 1
1
1
1
※ 1

SCHEMATIC DIAGRAM



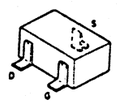
IC1 CX20111

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
FM (ST)	0	1.9	1.3	1.2	1.3	1.3	1.3	1.3	—	0.4	0	0.1	1.3	0	1.3	0	0	—	1.3	1.3	1.0	2.3	2.7	0
FM MONO	0	1.9	1.3	1.2	1.3	1.3	1.3	1.3	—	0.4	0	0.1	1.3	0	1.3	0	0	—	1.3	1.3	1.0	2.4	2.7	0
AM	0	2.5	1.3	1.4	1.3	1.3	1.3	1.3	—	0	0	0	0	0	0	0	0	—	1.4	1.2	0.9	2.4	2.8	0

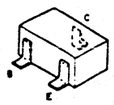


DOLBY LEVEL ADJUSTMENT
Settings:
- TEST TAPE: TTA-161
- DOLBY NR: OFF
- ADJUSTMENT POINTS: SFR201 (Lch), SFR202 (Rch)
- TEST POINTS: TP201 (Lch), TP202 (Rch)

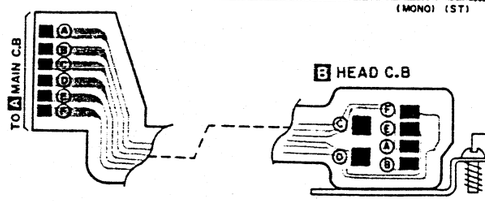
Method: Adjust SFR so that the voltage between TP201/TP202 and GND is 100mV ± 10mV.



2SK302



DTA114
DTC114
DTC143
DTC144
2SA1162
2SC2712
2SC3326
2SD1328

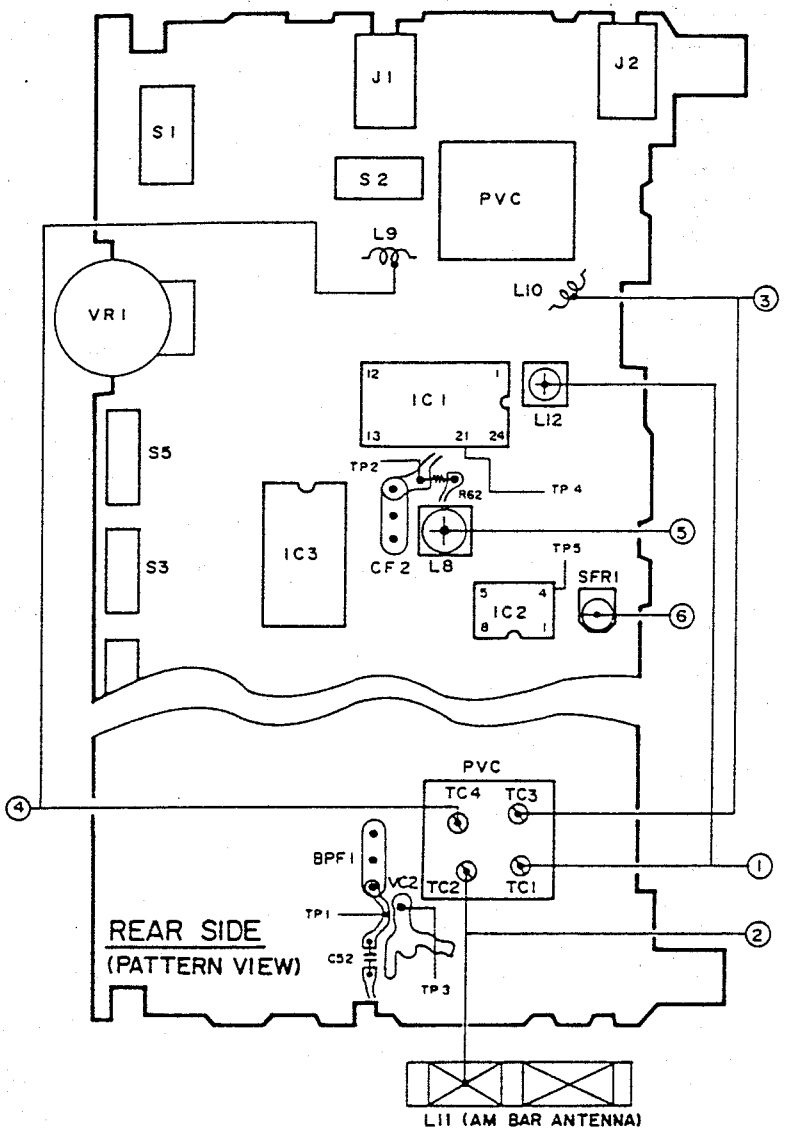


HEAD AZIMUTH ADJ.
TEST TAPE: TTA317C

TAPE SPEED ADJ.
TEST TAPE: TTA-111S
FWD PLAY: SFR201
REV PLAY: SFR202

ADJUSTMENT

PARTS LOCATION VIEW



① AM FREQ. RANGE ADJUSTMENT
L12 ····· 520±$^{5}_{1}$kHz
TC1 ····· 1650±20kHz

② AM TRACKING ADJUSTMENT
L11 ····· 600kHz
TC2 ····· 1400kHz

③ FM FREQ. RANGE ADJUSTMENT
L10 ····· 87.4±$^{0.2}_{0.8}$MHz
TC3 ····· 108.3±$^{0.2}_{0.8}$MHz

④ FM TRACKING ADJUSTMENT
L9 ····· 88MHz
TC4 ····· 108MHz

⑤ AM IF ADJUSTMENT
L8 ····· 468±2.5kHz

⑥ V. C. O ADJUSTMENT
SFR1 ····· 76kHz±40Hz

The Dolby level adjustment is described on the WIRING DIAGRAM.

TP1 FM RF INPUT
TP2 AM IF INPUT
TP3 AM RF INPUT
TP4 FM. AM DET OUTPUT
TP5 V. C. O TEST POINT
TP101 DOLBY TEST POINT (Lch)
TP102 DOLBY TEST POINT (Rch)

PRACTICAL SERVICE FIGURE

<RADIO SECTION>

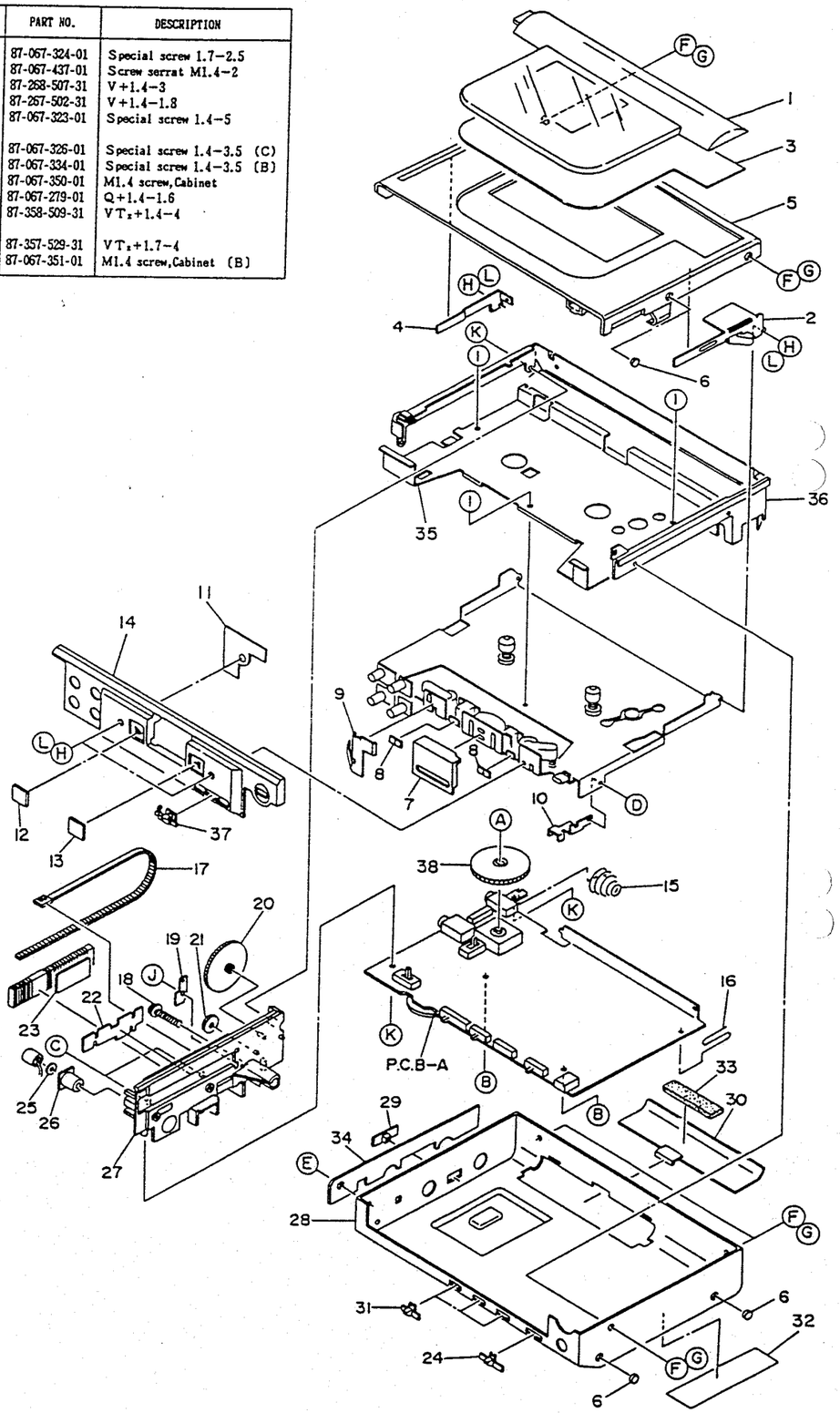
Sensitivity:	
(IHF, THD 3%)	FM 15±5dB (at 96MHz)
(S/N 10dB)	AM Less than 52dB(at 1000kHz)
Intermediate frequency:	FM 10.7±0.3MHz
	AM 468kHz±3.5kHz
FM stereo separation:	17±3dB (1kHz)

<TAPE SECTION>

Record bias frequency:	47kHz
Erasing ratio:	More than 50dB
Wow & flutter:	Less than 0.45% (RMS)
Distortion:	Less than 3% (PB)
	Less than 10% (REC)
Signal noise ratio:	51±3dB (PB)
	35±$^{1}_{3}$dB (REC)
Noise level:	Less than 5mV (DC MAX PB)
	Less than 25mV (DC MAX REC)
Pinch roller pressure:	160±10g
Take up torque:	25～35g-cm (FWD)
	25～40g-cm (REV)
FF/rewind torque:	60～120g-cm
Back tension:	1.5～3g-cm

EXPLODED VIEW－1

REF.NO.	PART NO.	DESCRIPTION
A	87-067-324-01	Special screw 1.7－2.5
B	87-067-437-01	Screw serrat M1.4－2
C	87-268-507-31	V＋1.4－3
D	87-267-502-31	V＋1.4－1.8
E	87-067-323-01	Special screw 1.4－5
F	87-067-326-01	Special screw 1.4－3.5 (C)
G	87-067-334-01	Special screw 1.4－3.5 (B)
H	87-067-350-01	M1.4 screw,Cabinet
I	87-067-279-01	Q＋1.4－1.6
J	87-358-509-31	VT₂＋1.4－4
K	87-357-529-31	VT₁＋1.7－4
L	87-067-351-01	M1.4 screw,Cabinet (B)



MECHANICAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q'TY
	1-1	84-448-006-019		WINDOW, CASSETTE	※	1
	1-2	★84-425-206-010		HOLDER B ASSY	HS－J35	1
	1-3	★84-448-201-019		ADHESIVE, WINDOW	※	1
	1-4	★84-425-205-010		HOLDER A	HS－J35	1
	1-5	84-448-004-019		CASSETTE LID ASSY (HS－J36) (B)	※	1
	1-5	84-448-020-019		CASSETTE LID ASSY (HS－J360) (B)	※	1
	1-5	84-448-013-019		CASSETTE LID ASSY (HS－J36) (S)	※	1
	1-5	84-448-023-019		CASSETTE LID ASSY (HS－J330) (S)	※	1
	1-5	84-448-017-019		CASSETTE LID ASSY (HS－J36) (WR)	※	1
	1-6	★84-448-010-019		FOOT, RUBBER	※	3
	1-7	86-530-026-010		PUSH－BUTTON, PLAY (B)		1
	1-7	★86-530-001-010		PUSH－BUTTON, PLAY (S,WR)		1
	1-8	★84-420-011-010		SEAL DIRECTION		2
	1-9	---		GUIDE, HEAD WIRE		1
	1-10	---		HOLDER DC JACK		1
	1-11	★84-448-606-010		SHIELD SHEET FPC	※	1
	1-12	★84-448-037-010		WINDOW, DIRECTION REV	※	1
	1-13	★84-448-036-010		WINDOW, DIRECTION FWD	※	1
	1-14	★84-448-038-010		PANEL, CONTROL (B)	※	1
	1-14	★84-448-035-010		PANEL, CONTROL (S,WR)	※	1
	1-15	★84-425-203-019		BATTERY, TERMINAL N	HS－J35	1
	1-16	★84-425-202-019		BATTERY, TERMINAL P	HS－J35	1
	1-17	★84-425-009-219		POINTER, TU	HS－J35	1
	1-18	★84-425-215-119		TU SHAFT, WORM	HS－J35	1
	1-19	★84-425-212-110		LEVER WORM, GEAR HOLD	HS－J35	1
	1-20	★84-448-042-019		KNOB, TU	※	1
	1-21	84-425-211-019		GEAR, IDLER	HS－J35	1
	1-22	---		PVC PLATE		1
	1-23	---		CUSHION, ANTENNA		1
	1-24	★84-448-040-019		SLIDE KNOB, SELECT B	※	1
	1-25	★82-690-240-019		RUBBER SPACER 5－2.1－1		1
	1-26	---		HOLDER, ECM		1
	1-27	---		CHASSIS, TU		1
	1-28	★84-448-001-019		CABINET, REAR (B)	※	1
	1-28	★84-448-011-019		CABINET, REAR (S)	※	1
	1-28	★84-448-015-019		CABINET, REAR (WR)	※	1
	1-29	★84-425-029-119		SLIDE KNOB, C	HS－J35	1
	1-30	84-447-023-019		LID, BATTERY (B)		1
	1-30	84-447-024-019		LID, BATTERY (S)		1
	1-30	84-447-025-019		LID, BATTERY (WR)		1
	1-31	★84-448-039-019		SLIDE KNOB, SELECT	※	3
	1-32	---		LABEL, SPEC		1
	1-33	---		CUSHION, M		1
	1-34	★84-448-008-010		NAME PLATE, SIDE	※	1
	1-35	★84-448-009-019		PANEL, CASSETTE	※	1
	1-36	★84-448-041-019		FRAME, CASSETTE (B)	※	1
	1-36	★84-425-003-019		FRAME, CASSETTE (S, WR)	HS－J35	1
	1-37	★84-417-043-210		SLIDE KNOB, DIRECTION		1
	1-38	★84-425-214-019		DRUM, TU	HS－J35	1

See the 2ME-7 Mechanism Guide (Supplement of Service Manual) for the exploded views.
The following parts have been changed for this model.

ALTERATION PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q'TY
	1-2	★86-530-393-119		T-SPRING, PINCH LEVER A (J)		1
	1-5	★86-530-394-019		T-SPRING, PINCH LEVER B (J)		1
	1-8	★86-511-343-010		REEL PHASER R		1
	1-9	★82-639-319-110		REEL TABLE STOPPER		1
	2-4	★86-530-036-010		PUSH-BUTTON, EJECT (R6NB)		1
	2-4	★86-530-025-010		PUSH-BUTTON, EJECT (R6N)		1
	NOTE) 2-8	★86-530-311-010		GEAR I		2
	2-14	★86-530-329-410		GUIDE J, TAPE		1
	2-22	★86-530-389-010		LEVER F, REVERSE		1
	2-34	★86-530-035-010		PUSH-BUTTON, REC (R6NB)		1
	2-34	★86-530-024-010		PUSH-BUTTON, REC (R6N)		1
	2-41	★86-530-032-010		PUSH-BUTTON, FF (R6NB)		1
	2-41	★86-530-021-010		PUSH-BUTTON, FF (R6N)		1
	2-45	★86-530-033-010		PUSH-BUTTON, REW (R6NB)		1
	2-45	★86-530-022-010		PUSH-BUTTON, REW (R6N)		1
	2-48	★86-530-034-010		PUSH-BUTTON, STOP (R6NB)		1
	2-48	★86-530-023-010		PUSH-BUTTON, STOP (R6N)		

The following REF. NOS. are not used in this model.
1-14, 1-17
2-9, 2-28, 2-52, 2-53
NOTE) 2-8, 2-9.....Gear K is removed and 2 gears I are used.

ADDITIONAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q'TY
	2-57	★86-530-438-010		E-SPRING, REC BLOCKING LEVER AK		1
	2-58	★84-425-219-010		LEVER, SWITCH FF		1
	2-59	★84-425-220-010		LEVER, SWITCH REW		1

EXPLODED VIEW (ADDITIONAL PARTS)